

### **ABSTRACT OF THE DISCLOSURE**

[0053] A filter unit for the purification of air includes at least a first filter element, which contains granular, especially spherical, activated carbon as an adsorbent material, and at least a second filter element, which contains a combination of granular, especially spherical, activated carbon and activated carbon fibers as an adsorbent material. The filter unit is suitable especially for use in ventilation plants, ventilation systems, air-conditioning systems and the like.